

CLAIMS :

What is claimed is:

5/27/11 A method for saving a submitted form of a web page,
said method comprising:

~~receiving, from a user by a browser application
executed in a client system, data for a form in a web
page; and~~

prior to submission of the form with the data to a server system hosting the web page, saving an address of the web page, the data provided from the user for the form, and at least one field identifier for associating the data to at least one respective field of the form, into a volatile memory system of the client system, wherein the address, the data, and the at least one field identifier are still stored in the volatile memory system after the browser application is closed.

1 2. The method according to Claim 1, further comprising:

2 in response to the user opening the browser
3 application that had been closed and again requesting
4 retrieval of the web page, retrieving the web page from
5 the server system; and

6 automatically filling in the form of the web page
7 with the data stored in the volatile memory system.

1 3. The method according to Claim 2, wherein
2 automatically filling in the form of the web page with the
3 data stored in the volatile memory system further
4 comprises:

5 parsing, by the browser application, the data for the
6 form; and

7 displaying, by the browser application, the form with
8 the data.

1 4. The method according to Claim 1, further comprising:

2 in response to the user opening the browser
3 application that had been closed and again requesting
4 retrieval of the web page, retrieving the web page from
5 the server system;

6 automatically filling in the form of the web page
7 with the data stored in the volatile memory system;

8 receiving, by the browser application, a request from
9 the user for retrieval of a web page;

10 comparing an address of the requested web page with
11 the address stored in the volatile memory system;

12 in response to a match between the address of the
13 requested web page and the address stored in the volatile
14 memory system, querying, by the browser application,
15 whether the user wishes to fill in the form using the data
16 saved in the volatile memory system; and

17 only in response to the browser application receiving
18 an indication that the user wishes to fill in the form
19 with the data saved in the volatile memory system,
20 implementing, by the browser application, the retrieving
21 and filling in steps.

22 5. The method according to Claim 4, further comprising:

23 determining whether the requested web page has a
24 submittable form; and

25 only in response to the requested web page having the
26 submittable form, implementing, by the browser
27 application, the receiving and saving steps.

28 6. The method according to Claim 1, wherein saving an
29 address of the web page and the data provided from the
30 user for the form further comprises:

31 calling a clipboard operation of an operating system
32 on which the client system operates to save the address,
33 the data, and the at least one field identifier into the
34 volatile memory system.

7. The method according to Claim 1, further comprising:

in response to the data for the form being successfully submitted to the server system and the browser application receiving another request for a next web page from the user, erasing, if required, the data from the volatile memory system.

8. A system for saving a submitted form of a web page, said system comprising:

means for receiving, from a user by a browser application executed in a client system, data for a form in a web page; and

means for saving an address of the web page, the data provided from the user for the form, and at least one field identifier for associating the data to at least one respective field of the form, into a volatile memory system of the client system prior to submission of the form with the data to a server system hosting the web page, wherein the address, the data, and the at least one field identifier are still stored in the volatile memory system after the browser application is closed.

1 9. The system according to Claim 8, further comprising:

2 means for retrieving the web page from the server
3 system in response to the user opening the browser
4 application that had been closed and again requesting
5 retrieval of the web page; and

6 means for automatically filling in the form of the
7 web page with the data stored in the volatile memory
8 system.

1 10. The system according to Claim 9, wherein said means
2 for automatically filling in the form of the web page with
3 the data stored in the volatile memory system further
4 comprises:

5 means for parsing, by the browser application, the
6 data for the form; and

7 means for displaying, by the browser application, the
8 form with the data.

1 11. The system according to Claim 8, further comprising:

2 means for retrieving the web page from the server
3 system in response to the user opening the browser
4 application that had been closed and again requesting
5 retrieval of the web page;

6 means for automatically filling in the form of the
7 web page with the data stored in the volatile memory
8 system;

9 means for receiving, by the browser application, a
10 request from the user for retrieval of a web page;

11 means for comparing an address of the requested web
12 page with the address stored in the volatile memory
13 system;

14 means for querying, by the browser application,
15 whether the user wishes to fill in the form using the data
16 saved in the volatile memory system in response to a match
17 between the address of the requested web page and the
18 address stored in the volatile memory system; and

19 means for implementing, by the browser application,
20 the retrieving and filling in steps only in response to
21 the browser application receiving an indication that the
22 user wishes to fill in the form with the data saved in the
23 volatile memory system.

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1 15. A program product for saving a submitted form of a
2 web page, said program product comprising:

3 instruction means for receiving, from a user by a
4 browser application executed in a client system, data for
5 a form in a web page;

6 instruction means for saving an address of the web
7 page, the data provided from the user for the form, and at
8 least one field identifier for associating the data to at
9 least one respective field of the form, into a volatile
10 memory system of the client system prior to submission of
11 the form with the data to a server system hosting the web
12 page, wherein the address, the data, and the at least one
13 field identifier are still stored in the volatile memory
14 system after the browser application is closed; and

15 computer usable media bearing said control program.

1 16. The program product according to Claim 15, further
2 comprising:

3 instruction means for retrieving the web page from
4 the server system in response to the user opening the
5 browser application that had been closed and again
6 requesting retrieval of the web page; and

7 instruction means for automatically filling in the
8 form of the web page with the data stored in the volatile
9 memory system.

1 17. The program product according to Claim 16, wherein
2 said instruction means for automatically filling in the

3 form of the web page with the data stored in the volatile
4 memory system further comprises:

5 instruction means for parsing, by the browser
6 application, the data for the form; and

7 instruction means for displaying, by the browser
8 application, the form with the data.

1 18. The program product according to Claim 15, further
2 comprising:

3 instruction means for retrieving the web page from
4 the server system in response to the user opening the
5 browser application that had been closed and again
6 requesting retrieval of the web page;

7 instruction means for automatically filling in the
8 form of the web page with the data stored in the volatile
9 memory system;

10 instruction means for receiving, by the browser
11 application, a request from the user for retrieval of a
12 web page;

13 instruction means for comparing an address of the
14 requested web page with the address stored in the volatile
15 memory system;

16 instruction means for querying, by the browser
17 application, whether the user wishes to fill in the form
18 using the data saved in the volatile memory system in
19 response to a match between the address of the requested

20 web page and the address stored in the volatile memory
21 system; and

22 instruction means for implementing, by the browser
23 application, the retrieving and filling in steps only in
24 response to the browser application receiving an
25 indication that the user wishes to fill in the form with
26 the data saved in the volatile memory system.

1 19. The program product according to Claim 18, further
2 comprising:

3 instruction means for determining whether the
4 requested web page has a submittable form; and

5
6 instruction means for implementing, by the browser
7 application, the receiving and saving steps only in
8 response to the requested web page having the submittable
9 form.

10
11 20. The program product according to Claim 15, wherein
12 said instruction means for saving an address of the web
13 page and the data provided from the user for the form
14 further comprises:

15 instruction means for calling a clipboard operation
16 of an operating system on which the client system operates
17 to save the address, the data, and the at least one field
18 identifier into the volatile memory system.

1 21. The program product according to Claim 15, further
2 comprising:

instruction means for erasing, if required, the data from the volatile memory system in response to the data for the form being successfully submitted to the server system and the browser application receiving another request for a next web page from the user.